



PTO/SB/08A (08-03)

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/544,146	
			Filing Date	August 2, 2005	
			First Named Inventor	Shyam S. Mohapatra	
			Art Unit	1646	
Examiner Name					
Sheet	1	of	5	Attorney Docket Number	USF-T193XC1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
PS	U1	US-2005/0266093 A1	12-01-2005	Mohapatra	All
	U2	US-2005/0159385 A1	07-21-2005	Mohapatra	All
	U3	US-2005/0158327 A1	07-21-2005	Mohapatra et al.	All
	U4	US-2004/0175384 A1	09-09-2004	Mohapatra et al.	All
	U5	US-2004/0029275 A1	02-12-2004	Brown et al.	All
	U6	US-2004/0023390 A1	02-05-2004	Davidson et al.	All
	U7	US-2004/0018001 A1	01-29-2004	McSwiggen	All
	U8	US-2004/0018176 A1	01-29-2004	Tolentino et al.	All
	U9	US-2004/0009152 A1	01-15-2004	Mohapatra et al.	All
	U10	US-2004/0002077 A1	01-01-2004	Taira et al.	All
	U11	US-2003/0198624 A1	10-23-2003	Mohapatra et al.	All
PS	U12	US-2003/0190635 A1	10-09-2003	McSwiggen	All

FOREIGN PATENT DOCUMENTS						
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		Country Code ³	Number ⁴ - Kind Code ⁵ (if known)			
PS	F1		WO 2005/056021 A1	06-23-2005	Univ. of South Florida	All
	F2					
	F3					
	F4					

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RS	U13	US-2003/0175950 A1	09-18-2003	McSwiggen	All
1	U14	US-2003/0175772 A1	09-18-2003	Wang	All
	U15	US-2003/0170891 A1	09-11-2003	McSwiggen	All
	U16	US-2003/0166282 A1	09-04-2003	Brown et al.	All
	U17	US-2003/0157691 A1	08-21-2003	Qin et al.	All
	U18	US-2003/0148519 A1	08-07-2003	Engelke et al.	All
	U19	US-2003/0143732 A1	07-31-2003	Fosnaugh et al.	All
	U20	US-2003/0139363 A1	07-24-2003	Kay et al.	All
	U21	US-2003/0068333 A1	04-10-2003	Mohapatra et al.	All
	U22	US-2002/0173478 A1	11-21-2002	Gewirtz	All
	U23	US-10/544,145	08-02-2005	Mohapatra et al. (patent application)	All
	U24	US-10/581,580	06-02-2006	Mohapatra et al. (patent application)	All
RS	U25	US-10/655,873	09-05-2003	Mohapatra et al. (patent application)	All

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	R1	ADELMAN, Z.N. <i>et al.</i> "RNA silencing of dengue virus type 2 replication in transformed C6/36 mosquito cells transcribing an inverted-repeat RNA derived from the virus genome" <i>J. Virology</i> , 2002, 76:12925-12933.	
	R2	ADELMAN, Z.N. <i>et al.</i> "Sindbis virus-induced silencing of dengue viruses in mosquitoes" <i>Insect Mol Biol.</i> , 2001, 10:265-273.	
	R3	ABBAS-TERKI, T. <i>et al.</i> "Lentiviral-mediated RNA interference" <i>Human Gene Therapy</i> , 2002, 13:2197-2201.	
	R4	BANCHEREAU, J. and STEINMAN, R.M. "Dendritic cells and the control of immunity" <i>Nature</i> , 1998, 392:245-252.	
	R5	BLAIR, C.D. <i>et al.</i> "Molecular strategies for interrupting arthropod-borne virus transmission by mosquitoes" <i>Clin Microbiol Rev</i> , 2000, 13:651-661.	
	R6	BUELER, H. "Adeno-associated viral vectors for gene transfer and gene therapy" <i>Biol Chem</i> , 1999, 380:613-622.	
	R7	CAPLEN, N. <i>et al.</i> "Specific inhibition of gene expression by small double-stranded RNAs in invertebrate and vertebrate systems" <i>Proc. Natl. Acad. Sci. USA</i> , 2001, 98:9742-9747.	
	R8	CAPLEN, N.J. <i>et al.</i> "Inhibition of viral gene expression and replication in mosquito cells by dsRNA-triggered RNA interference" <i>Mol Ther</i> , 2002, 6:243-251.	
	R9	ELBASHIR, S.M. <i>et al.</i> "Duplexes of 21-nucleotide RNAs mediate RNA interference in cultured mammalian cells" <i>Nature</i> , 2001, 411:494-498.	
	R10	FIRE, A. "RNA-triggered gene silencing" <i>Trends Genet</i> , 1999, 15:358-363.	
	R11	HAMMOND, S.M. <i>et al.</i> "Argonaute2, a link between genetic and biochemical analyses of RNAi" <i>Science</i> , 2001, 293:1146-1150.	
	R12	HO, L.J. <i>et al.</i> "Infection of human dendritic cells by dengue virus causes cell maturation and cytokine production" <i>J Immunol</i> , 2001, 166:1499-1506.	
		R13	HUTVAGNER, G. <i>et al.</i> "A cellular function for the RNA-interference enzyme dicer in the maturation of the let-7 small temporal RNA" <i>Science</i> , 2001, 293:834-838.

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			Examiner Name		
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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
	R14	ILVES, H. <i>et al.</i> "Retroviral vectors designed for targeted expression of RNA polymerase III-driven transcripts: a comparative study" <i>Gene</i> , 1996, 171:203-208.		
	R15	KAY, M.A. <i>et al.</i> "Viral vectors for gene therapy: the art of turning infectious agents into vehicles of therapeutics" <i>Nature Med</i> , 2001, 7:33-40.		
	R16	LIBRATY, D.H. <i>et al.</i> "Human dendritic cells are activated by dengue virus infection: enhancement by gamma interferon and implications for disease pathogenesis" <i>J Virol</i> , 2001, 75:3501-3508.		
	R17	LUDEWIG, B. <i>et al.</i> "Protective antiviral cytotoxic T cell memory is most efficiently maintained by restimulation via dendritic cells" <i>J Immunol</i> , 1999, 163:1839-1844.		
	R18	MAROVICH, M. <i>et al.</i> "Human dendritic cells as targets of dengue virus infection" <i>J Invest Dermatol Symp Proc.</i> , 2001, 6:219-224.		
	R19	MEN, R. <i>et al.</i> "Dengue type 4 virus mutants containing deletions in the 3' noncoding region of the RNA genome: analysis of growth restriction in cell culture and altered viremia pattern and immunogenicity in Rhesus monkeys" <i>J Virol</i> , 1996, 70:3930-3937.		
	R20	PAUL, C.P. <i>et al.</i> "Effective expression of small interfering RNA in human cells" <i>Nature Biotech.</i> , 2002, 20:505-508.		
	R21	PONNAZHAGAN, S. <i>et al.</i> "Adeno-associated virus type 2-mediated transduction of human monocyte-derived dendritic cells: implications for ex vivo immunotherapy" <i>J Virol</i> , 2001, 75:9493-9501.		
	R22	PROUTSKI, V. <i>et al.</i> "Secondary structure of the 3' untranslated region of flaviviruses: similarities and differences" <i>Nucleic Acids Res</i> , 1997, 25:1194-1202.		
	R23	PROVOST, P. <i>et al.</i> "Ribonuclease activity and RNA binding of recombinant human Dicer" <i>Embo J</i> , 2002, 21:5864.		
	R24	RAUSCHER, S. <i>et al.</i> "Secondary structure of the 3'-noncoding region of flavivirus genomes: comparative analysis of base pairing probabilities" <i>RNA</i> , 1997, 3:779-791.		
	R25	ROY, K. <i>et al.</i> "Oral gene delivery with chitosan-DNA nanoparticles generates immunologic protection in a murine model of peanut allergy" <i>Nat Med</i> , 1999, 5:387-391.		
	R26	SRIVASTAVA, A. "Obstacles to human hematopoietic stem cell transduction by recombinant adeno-associated virus 2 vectors" <i>J Cell Biochem Suppl</i> , 2002, 38:39-45.		

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	R27	STÄMPFLI, M.R. <i>et al.</i> "GM-CSF transgene expression in the airway allows aerosolized ovalbumin to induce allergic sensitization in mice" <i>J Clin Invest</i> , 1998, 102:1704-1714.	
	R28	STARK, G.R. <i>et al.</i> "How cells respond to interferons" <i>Annu Rev Biochem</i> , 1998, 67:227-264.	
	R29	TUSCHL, T. "Expanding small RNA interference" <i>Nature Biotechnol.</i> , 2002, 20:446-448.	
	R30	VAUGHN, D.W. <i>et al.</i> "Dengue in the early febrile phase: viremia and antibody responses" <i>J Infect Dis</i> , 1997, 176:322-330.	
	R31	WALTER, D.M. <i>et al.</i> "IL-18 gene transfer by adenovirus prevents the development of and reverses established allergen-induced airway hyperactivity" <i>J Immunol</i> , 2001, 166:6392-6398.	
	R32	WU, S.J. <i>et al.</i> "Human skin Langerhans cells are targets of dengue virus infection" <i>Nature Med</i> , 2000, 6:816-820.	
✓	R33	ZAISS, A-K. <i>et al.</i> "Differential activation of innate immune responses by adenovirus and adeno-associated virus vectors" <i>J Virol</i> , 2002, 76:4580-4590.	
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